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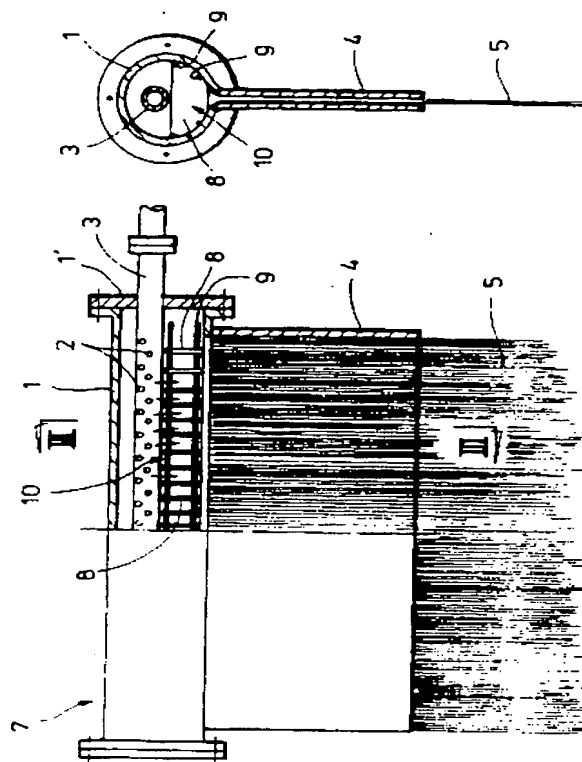
APPLICATION DATE : 29-05-81
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APPLICANT : SUMITOMO METAL IND LTD;

INVENTOR : NUNOKAWA TAKESHI;

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TITLE : COOLING DEVICE FOR HIGH
TEMPERATURE STEEL



ABSTRACT : PURPOSE: To improve cooling capacity by arranging plural current plates in parallel under the water supply tube in a tank and thereby making cooling water that flows down from a slit nozzle to platy water current having uniform thickness.

CONSTITUTION: When cooling water is supplied from a water supply tube to a tank 1, the cooling water directly flows between rectifying plates 8, 8 and its lateral flow is controlled. Accordingly, the cooling water that passes between rectifying plates 8, 8 and flows into a slit nozzle 4 becomes uniform in quantity throughout the direction of width of the nozzle 4. The cooling water that flows down from the slit nozzle 4 becomes platy current 5 having uniform thickness. Thus, cooling capacity is improved.

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